



PACIFIC ENVIRONMENTAL SERVICES, INC.

Pacific Environmental Services, Inc.
13100 Brooks Drive, Suite 100
Baldwin Park, CA 91706
(818) 856-1400
FAX: (818) 814-0820

March 11, 1996
4201.013/42

Mr. Mike Reed, Plant Manager
Electronic Chrome & Grinding Company
9128-32 Dice Road
Santa Fe Springs, California 90670

RE: 1995 Hazardous Waste Report

Dear Mr. Reed:

Enclosed please find the original and two copies of Electronic Chrome & Grinding Company's 1995 Hazardous Waste Report for the United States Environmental Protection Agency (USEPA). Two 3.5" computer diskettes, each containing the electronic version of the report, are also included. Please sign and date all three copies and distribute as follows:

- 1) send the original report and one diskette by April 1, 1996 to:

California Department of Toxic Substances Control
Attn: Biennial Report Staff
P.O. Box 806
Sacramento, California 95812-0806

- 3) retain one copy and one diskette for your files; and
- 4) return one copy to me.

If you have any questions, please call me.

Very truly yours,

PACIFIC ENVIRONMENTAL SERVICES, INC.

Robert T. Nguyen
Environmental Engineer

RTN/tse
Enclosures



Waste In:

$$1,500 \text{ gal/month}^* \times 12 \text{ months} = 18,000 \text{ gals @ } 8.34 \text{ lbs/gal}$$

$$18,000 \text{ gal} \times 8.34 \text{ lbs/gal} = 150,120 \text{ lbs of Waste In}$$

Waste Out:

$$11 \text{ yd}^3 \times 27 \text{ ft}^3/\text{yd}^3 \times 7.4822 \text{ gal/ft}^3 = 2,222 \text{ gal}$$

$$2,000 \text{ lbs/yd}^3 \times (1 \text{ yd}^3/27 \text{ ft}^3) \times (1 \text{ ft}^3/7.4822 \text{ gal}) = 9.90 \text{ lbs/gal}$$

$$2,222 \text{ gal} \times 9.90 \text{ lbs/gal} = 22,000 \text{ lbs of Waste Out}$$

$$150,120 - 22,000 = 128,120 \text{ lbs of H}_2\text{O}$$

$$128,120 \text{ lbs} \div 8.34 \text{ lbs/gal} = 15,362 \text{ gals of H}_2\text{O Discharged}$$

* From Permit-By-Rule, File No. 4201.006.

SITE NAME ELECTRONIC CHROME & GRINDING COMPANY

EPA ID NO: CAD008391427

Record No. 00001

US ENVIRONMENTAL
PROTECTION AGENCY

FORM
IC

1995 HAZARDOUS
WASTE REPORT
IDENTIFICATION
AND CERTIFICATION

Instructions: Read instructions beginning on Page 9 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec.I Site name and location address. Complete A thru H. Check the box in items A, C, E, F, G and H if same as label: if different enter corrections

A. EPA ID No. Same as label Y or CAD008391427		B. COUNTY LOS ANGELES	
C. Site/Company name. Same as label Y or ELECTRONIC CHROME & GRINDING COMPANY		D. Has site name change since 1993? (Y)es/(N)o N	
E. Street name and No. Same as label Y or 9128-32 DICE ROAD			
F. City, town, etc. Same as label Y or SANTA FE SPRINGS		G. State CA Same as label Y	H. Zip Same Y or 90670-

Sec.II Mailing address of site. Instructions page 10.

A. Is the mailing address the same as the location address? (Y)es/(N)o Y	
B. No. and street address of mailing address:	
C. City, town, etc. SANTA FE SPRINGS	D. State CA E. Zip 90670-

Sec.III Name, title & telephone No. of responsible person. Instruction page 10

A. Last REED	MIKE	B. Title VICE PRESIDENT	(310) 946-6671
--------------	------	-------------------------	----------------

Sec.IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather & evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or these persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Last REED	, First MIKE	B. Title VICE PRESIDENT
C. Signature <i>Mike Reed</i>		D. Date of signature 3/12/96

Sec.V	Generator Status	EPA ID NO. CAD008391427	Record No. 00001
A. 1995 RCRA generator status Instructions page 10. <input checked="" type="checkbox"/> 1 LQG 1 <input type="checkbox"/> 2 SQG <input type="checkbox"/> 3 CESQG <input type="checkbox"/> 4 Non-Generator		B. Reason for not generating. N 1.Never generated N 5.Periodic or N 2.Out of business occasional generator N 3.Only excluded or N 6.Waste minimization delisted waste activity. N 4.Only Non-hazardous N 7.Other(specify waste. comments below) Other:	

Sec.VI	On-Site Waste Management Status	Instructions p.13 & 14
A.Storage subject to RCRA permitting requirements. 1	B.Treatment,disposal or recycling subject to RCRA permitting requirements. 1	C.RCRA-exempt treatment, disposal or recycling 1

Sec.VII	Waste Minimization Activity during 1994 or 1995	Instructions p.13&14
A.Did this site begin or expand a source reduction activity during 1994 or 1995? (Y)es/(N)o N	B.Did this site begin or expand a recycling activity during 1994 or 1995? (Y)es/(N)o N	C.Did this site systematically investigate opportunities for source reduction or recycling during 1994 or 1995? (Y)es/(N)o Y
D.Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1994/1995? (Y)es/(N)o		
Y a.Insufficient capital to install new source reduction equipment or implement new source reduction practices. N b.Lack of techical information on source reduction techniques applicable to the specific production processes. Y c.Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment. N d.Concern that product quality may decline as a result of source reduction Y e.Technical limitations of the production process. Y f.Permitting burdens. Y g.Source reduction previously implemented-additional reduction does not appear to be technically feasible. Y h.Source reduction previously implemented-additional reduction does not appear to be economically feasible. Y i.Source reduction previously implemented-additional reduction does not appear to be feasible due to permitting requirements. N j.OTHER: (SPECIFY COMMENTS)		

Sec.VIII

Waste Minimization Activity during 1994 or 1995 (Con't)
EPA ID NO. CAD008391427 Record No 00001

E. Did any of the factors listed below delay or limit this site's ability to initiate new or additional on-site or off-site recycling activities in 1994 or 1995? Page 15.

(Y)es/(N)o

- Y a. Insufficient capital to install new recycling equipment or implement new recycling practice.
- N b. Lack of technical information on recycling techniques applicable to the site's specific production processes.
- Y c. Recycling not economically feasible: cost savings in waste management or production will not recover the capital investment.
- N d. Concern that product quality may decline as a result of recycling.
- N e. Requirements to manifest wastes inhibit shipments off-site for recycling.
- N f. Financial liability provisions recycling.

(Y)es/(N)o

- N g. Technical limitations of production processes inhibit shipments off-site for recycling.
- N h. Technical limitations of production processes inhibit shipments on-site for recycling.
- Y i. Permitting burdens inhibit recycling
- N j. Lack of permitted off-site recycling facilities.
- N k. Unable to identify a market for recycled materials.
- N l. Recycling previously implemented - additional recycling does not appear to be technically feasible
- N m. Recycling previously implemented - additional recycling does not appear to be economically feasible
- N n. Recycling previously implemented appear to be feasible due to permitting requirements.

o. Other (SPECIFY COMMENTS BELOW)

SITE NAME ELECTRONIC CHROME & GRINDING COMPANY

EPA ID NO: CAD008391427

Record No. 00001

FORM
GM

US ENVIRONMENTAL
PROTECTION AGENCY
1995 HAZARDOUS
WASTE REPORT
WASTE GENERATION
AND MANAGEMENT

Instructions: Read instructions beginning on Page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec.I Waste description - Page 18.
RINSE WATER FROM ELECTROPLATING OPERATION CONTAINING
CHROMIUM

B. EPA hazardous waste code Page 19.
D007 D008

C. State haz. waste code Page 19

D.SIC code
Page 19.
3471

E.Origin code 1
System Type

F.Source code
Page 20.
A22

G.Point of
measurement
1

H.Form
code Pg 20
B102

I.RCRA-radio-
active Pg 20
2

Sec.II	A.Quantity gen in 1994 Pg 21. 75.10	B.Quantity gen in 1995 Pg 21. 75.10	C.UOM 2 LBS/GAL, SG 3	Density 0.00	D.Did this site treat, dispose, or recycle on site or discharge to a POTW? (Y/N) Y
	ON-SITE PROCESS 1		ONSITE PROCESS 2		
	On-site process system type Pg 22 M101	Quantity treated, disposed, or recycled on site in 1995 75.10	On-site process system type Pg 22 M	Quantity treated, disposed, or recycled on site in 1995 0.00	

Sec.III	A.Was any of this waste shipped off-site in 1995 Pg 23. (Y/N) N			
Site 1	B.EPA ID No of fac waste shipped to	C.System type shipped to Pg 23	D.Off-site availability code Pg 23	E.Total Quantity shipped in 1995 0.00
Site 2	B.EPA ID No of fac waste shipped to	C.System type shipped to Pg 23	D.Off-site availability code Pg 23	E.Total Quantity shipped in 1995 0.00

Sec.IV	A.Did new activities in 1995 result in minimization of waste (Y/N) N				
B.Activity Pg24	C.Other effects (Y/N)	D.Quantity recycled in 1995 due to new activities 0.00	E.Activity/ production 0.0	F.1995 source reduction quantity 0.00	

Comments: (SEE NEXT PAGE - IF YOU HAVE ANY COMMENTS)

Record No. 00001

SITE NAME ELECTRONIC CHROME & GRINDING COMPANY

EPA ID NO: CAD008391427

Record No. 00002

FORM
GM

US ENVIRONMENTAL
PROTECTION AGENCY
1995 HAZARDOUS
WASTE REPORT
WASTE GENERATION
AND MANAGEMENT

Instructions: Read instructions beginning on Page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec.I Waste description - Page 18.
HAZARDOUS SLUDGE GENERATED FROM AN ON-SITE WASTEWATER
TREATMENT SYSTEM

B. EPA hazardous waste code Page 19.
F006

C. State haz. waste code Page 19

D.SIC code
Page 19.
3471

E.Origin code 5
System Type
M101

F.Source code
Page 20.
A76

G.Point of
measurement
2

H.Form
code Pg 20
B504

I.RCRA-radio-
active Pg 20
2

Sec.II	A.Quantity gen in 1994 Pg 21. 11.00	B.Quantity gen in 1995 Pg 21. 11.00	C.UOM 2 LBS/GAL, SG 3	Density 0.00	D.Did this site treat, dispose, or recycle on site or discharge to a POTW? (Y/N) N
	ON-SITE PROCESS 1		ONSITE PROCESS 2		
	On-site process system type Pg 22 M	Quantity treated, disposed, or recycled on site in 1995 0.00	On-site process system type Pg 22 M	Quantity treated, disposed, or recycled on site in 1995 0.00	

Sec.III A.Was any of this waste shipped off-site in 1995 Pg 23. (Y/N) Y

Site 1	B.EPA ID No of fac waste shipped to NVD980895338	C.System type shipped to Pg 23 M123	D.Off-site availability code 1 Pg 23	E.Total Quantity shipped in 1995 11.00
Site 2	B.EPA ID No of fac waste shipped to	C.System type shipped to Pg 23 M	D.Off-site availability code 1 Pg 23	E.Total Quantity shipped in 1995 0.00

Sec.IV A.Did new activities in 1995 result in minimization of waste (Y/N) N

B.Activity Pg24	C.Other effects (Y/N)	D.Quantity recycled in 1995 due to new activities 0.00	E.Activity/ production 0.0	F.1995 source reduction quantity 0.00
-----------------	--------------------------	---	----------------------------------	--

Comments: (SEE NEXT PAGE - IF YOU HAVE ANY COMMENTS)

Record No. 00002

SITE NAME ELECTRONIC CHROME & GRINDING COMPANY

EPA ID NO: CAD008391427

Record No. 00003

FORM
GM

US ENVIRONMENTAL
PROTECTION AGENCY
1995 HAZARDOUS
WASTE REPORT
WASTE GENERATION
AND MANAGEMENT

Instructions: Read instructions beginning on Page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec.I Waste description - Page 18.
LIQUID HAZARDOUS WASTE FROM ELECTROPLATING TANKS

B. EPA hazardous waste code Page 19.
D007

C. State haz. waste code Page 19

D.SIC code
Page 19.
3471

E.Origin code 1
System Type

F.Source code
Page 20.
A22

G.Point of
measurement
1

H.Form
code Pg 20
B105

I.RCRA-radio-
active Pg 20
2

Sec.II	A.Quantity gen in 1994 Pg 21. 2740.80	B.Quantity gen in 1995 Pg 21. 2740.80	C.UOM 5 LBS/GAL, SG 1	Density 9.76	D.Did this site treat, dispose, or recycle on site or discharge to a POTW? (Y/N) N
	ON-SITE PROCESS 1		ONSITE PROCESS 2		
	On-site process system type Pg 22 M	Quantity treated, disposed, or recycled on site in 1995 0.00	On-site process system type Pg 22 M		Quantity treated, disposed, or recycled on site in 1995 0.00

Sec.III A.Was any of this waste shipped off-site in 1995 Pg 23. (Y/N) Y

Site 1	B.EPA ID No of fac waste shipped to CAD000088252	C.System type shipped to Pg 23 M019	D.Off-site availability code 1 Pg 23	E.Total Quantity shipped in 1995 794.10
Site 2	B.EPA ID No of fac waste shipped to NVD980895338	C.System type shipped to Pg 23 M019	D.Off-site availability code 1 Pg 23	E.Total Quantity shipped in 1995 1946.70

Sec.IV A.Did new activities in 1995 result in minimization of waste (Y/N) N

B.Activity Pg24	C.Other effects (Y/N)	D.Quantity recycled in 1995 due to new activities 0.00	E.Activity/ production 0.0	F.1995 source reduction quantity 0.00
-----------------	--------------------------	---	----------------------------------	--

Comments: (SEE NEXT PAGE - IF YOU HAVE ANY COMMENTS)

Record No. 00003

SITE NAME ELECTRONIC CHROME & GRINDING COMPANY

EPA ID NO: CAD008391427

Record No. 00004

FORM
GM

US ENVIRONMENTAL
PROTECTION AGENCY
1995 HAZARDOUS
WASTE REPORT
WASTE GENERATION
AND MANAGEMENT

Instructions: Read instructions beginning on Page 16 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec.I Waste description - Page 18.
PLATING BATH RESIDUES FROM ELECTROPLATING OPERATION

B. EPA hazardous waste code Page 19. D007 D008		C. State haz. waste code Page 19			
D.SIC code Page 19. 3471	E.Origin code 1 System Type	F.Source code Page 20. A22	G.Point of measurement 1	H.Form code Pg 20 B105	I.RCRA-radio- active Pg 20 2

Sec.II	A.Quantity gen in 1994 Pg 21. 1340.00	B.Quantity gen in 1995 Pg 21. 1340.00	C.UOM 5 LBS/GAL,SG 1	Density 9.76 1	D.Did this site treat, dispose,or recycle on site or discharge to a POTW? (Y/N) N
ON-SITE PROCESS 1			ONSITE PROCESS 2		
On-site process system type Pg 22 M		Quantity treated, disposed,or recycled on site in 1995 0.00	On-site process system type Pg 22 M		Quantity treated, disposed,or recycled on site in 1995 0.00

Sec.III	A.Was any of this waste shipped off-site in 1995 Pg 23. (Y/N) Y			
Site 1	B.EPA ID No of fac waste shipped to CAT080033681	C.System type shipped to Pg 23 M019	D.Off-site availability code 1 Pg 23	E.Total Quantity shipped in 1995 1340.00
Site 2	B.EPA ID No of fac waste shipped to	C.System type shipped to Pg 23 M	D.Off-site availability code 1 Pg 23	E.Total Quantity shipped in 1995 0.00

Sec.IV	A.Did new activities in 1995 result in minimization of waste (Y/N) N				
B.Activity Pg24	C.Other effects (Y/N)	D.Quantity recycled in 1995 due to new activities 0.00	E.Activity/ production 0.0	F.1995 source reduction quantity 0.00	

Comments: (SEE NEXT PAGE - IF YOU HAVE ANY COMMENTS)

Record No. 00004

US ENVIRONMENTAL
PROTECTION AGENCY

SITE NAME ELECTRONIC CHROME & GRINDING COMPANY

EPA ID NO: CAD008391427

Record No. 00001

FORM
PS

1995 HAZARDOUS
WASTE REPORT
DISPOSAL/RECYCLING
PROCESS SYSTEMS

Instructions: Read instructions beginning on Page 33 of the 1995 Hazardous Waste Report booklet before completing this form.

Sec.I A.Waste treatment,disposal or recycling system descripton Page 38.

NOTE: SEE WASTE DESCRIPTION ON NEXT PAGE

B. System type M101	C. Regulatory status 09	D. Operational status 01	E. Unit types 01 01
------------------------	----------------------------	-----------------------------	------------------------

Sec.II A.1995 influent quantity		B.Maximum operational capacity	
TOTAL	18000.00 UOM 5 Density 8.34	Total	24000.00
RCRA	0.00 lbs/gal or sg 1	RCRA	0.00
C.1995 effluent quantity		D.1995 solid/sludge residual quantity	
Tot	15362.00 UOM 5 Density 8.34	Tot	11.00 2 UOM Density 0.00
RCRA	0.00 lbs/gal or sg 1	RCRA	0.00 lbs/gal or sg 3
E.Limit on Max. operational capacity 02 09	F.Commercial capacity availability code 1	G. Percent capacity commercially available 0.00	

Comments for Record number: 00001

LINE

NUMBER COMMENT

1 SEC II BOX A - ESTIMATED

Sec. I

A. Waste treatment, disposal or recycling system description
for Record No: 00001

Page 38.

LINE

NUMBER DESCRIPTION

1 FILTER PRESS UNIT USED TO DEWATER SLUDGE

2

3

4

5